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FOAM SPRING MATTRESS

OBJECT OF THE INVENTION

5 This invention relates to a new type of mattress, completely made of foam, synthetic rubber, etc., and which is provided with a number of springs made up of the same material as that of the mattress itself.

BACKGROUND OF THE INVENTION

10 There are currently a great number of types of mattresses on the market that ensure giving people's bodies beneficial rest, and which also must fulfil the function of giving people proper support, being neither too soft nor too hard. The main varieties are the following:

15 • Wool mattress: currently they are produced very infrequently, because wool has been replaced by new materials. This type of mattress has as a drawback that with use, the wool becomes lumpy and that every two or three years it has to be re-carded so as to restore its consistency. In addition, mattress makers are very scarce nowadays.

20 • Spring mattress: it is made of steel springs that can be bi-conical (the upper and lower spirals are bigger than the central ones), or cylindrical (the spirals have all got the same diameter), and they are often individually insulated in order to prevent noise. On either side of the springs, the filling-holder is lined with a layer of horsehair, sisal or felt; a
25 cotton, wool or synthetic fibre filling, which in turn are also lined; and finally, the whole assembly is closed into the outer cover. These mattresses are solid and comfortable.

30 "Multi-elastic" mattresses differ from those of traditional springs in that they have a kind of thick net of metallic thread.

• Synthetic latex mattress: a chemical reconstruction of natural latex. These mattresses have a flat surface, and another one full of cells that

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